

Declaration and Power of Attorney for Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

High Strength Steel For Induction Hardening

The specification of which

(check one)

is attached hereto.

was filed on February 1, 2002

as Application Serial No. 10/062,399

and was amended on _____

(if applicable)

was filed as PCT international application

No. _____ on _____

and was amended under PCT Article 19 on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>2001-025874</u> (Number)	<u>Japan</u> (Country)	<u>01/February/2001</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>2001-140603</u> (Number)	<u>Japan</u> (Country)	<u>10/May/2001</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

COPY

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

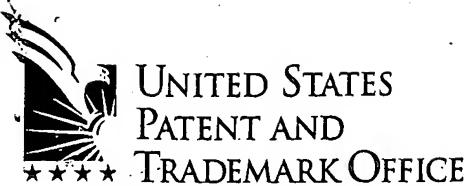
William H. Logsdon	22,132	Russell D. Orkin	25,363	David C. Hanson	23,024
Frederick B. Ziesenhein	19,438	Richard L. Byrne	28,498	Kent E. Baldauf, Sr.	25,826
Barbara E. Johnson	31,198	Paul M. Reznick	33,059	John W. McIlvaine	34,219
Blynn L. Shideler	35,034	Julie W. Meder	36,216	Lester N. Fortney	38,141
Randall A. Notzen	36,882	James G. Porcelli	33,757	Kent E. Baldauf, Jr.	36,082
Christian E. Schuster	43,908	Thomas J. Clinton	40,561	Dean E. Geibel	42,570
Nathan J. Prepelka	43,016	Jessica M. Schroth	47,102	Kirk M. Miles	37,891
Gary F. Matz	45,504	Darrell E. Williams	45,222	Alka A. Patel	49,092
J. Matthew Pritchard IV	46,228				

Send Correspondence to:

Richard L. Byrne, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818

Direct Telephone calls to: (name and telephone number) Richard L. Byrne 412-471-8815

Full name of sole or first inventor Shuhei KITANO	
Inventor's signature <i>Shuhei Kitano</i>	Date May 30, 2002
Residence Himeji-Shi, Hyogo-Ken, Japan	
Citizenship Japan	
Post Office Address 3007, Aza-Ichimonji, Nakashima, Shikama-Ku, Himeji-Shi, Hyogo-Ken, Japan	
Full name of second joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
(Supply similar information and signature for third and subsequent joint inventors.)	
Full name of third joint inventor, if any	



AUGUST 21, 2002

PTAS

WEBB ZIESENHEIM LOGSDON ET AL
RICHARD L. BYRNE
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Chief Information Officer
Washington, DC 20231
www.uspto.gov



102131383A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/17/2002

REEL/FRAME: 013006/0646

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KITANO, SHUHEI

DOC DATE: 05/30/2002

ASSIGNEE:

SANYO SPECIAL STEEL CO., LTD.
3087, AZA-ICHIMONJI, NAKASHIMA,
SHIKAMA-KU, HIMEJI-SHI
HYOGO-KEN, JAPAN

SERIAL NUMBER: 10062399

FILING DATE: 02/01/2002

PATENT NUMBER:

ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
WEBB, ZIESENHEIM, LOGSDON,
ORKIN, & HANSON PC

AUG 26 2002

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06-24-2002

FORM PTO-1595

(Rev. 6-93)

RECO

OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE

SET

Patent and Trademark Office

102131383

Tab settings -0 -0 -0 -0

To the Commissioner for Patents:
 Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shuhei KITANO

6.17.02

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: May 30, 2002

2. Name and address of receiving party(ies)

Name: SANYO SPECIAL STEEL CO., LTD.

Street Address: 3007, Aza-Ichimonji, Nakashima,
Shikama-Ku, Himeji-Shi, Hyogo-Ken, Japan

City: _____

State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,
the execution date of the application is: _____

A. Patent Application No.(s)

10/062,399, filed February 1, 2002

B. Patent No.(s)

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: Webb Ziesenhein Logsdon

Orkin & Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

06/21/2002 City: Pittsburgh State: PA ZIP: 15219-1818

01 FEE:581

40.00 DP

6. Total number of applications and
patents involved:

1

7. Total fee (37 CFR 3.41) \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.

Richard L. Byrne
 Name of Person Signing
 Reg. No. 28,498

Signature

June 10, 2002

Date

Total number of pages including cover sheet, attachments and document

3

Mail documents to be recorded with required cover sheet information to:
 Assistant Commissioner for Patents, Box Assignments
 Washington, D.C. 20231

譲渡証 (Translation/日本語訳)

下記に署名した私／私達、
は、

ある発明を創出し、これについて合衆国特許出願は

- ここに私／私達により署名され、
- ____に私／私達により（それぞれ）署名され、
- に出願され、出願番号が交付され、
- PCT国際出願としてに出願され、

その発明は

という名称である。そして、ここにその受領を認める対価で：私／私達は、当該発明／出願について、合衆国とその属領及び全ての外国に於ける全面的かつ独占的な権利；合衆国とその属領及び全ての外国に於いて発行される特許証に關わる全ての権利、所有権、利益；一部継続出願、継続出願、分割出願、差替え出願、再発行出願、特許期間延長等、合衆国とその属領及び全ての外国に於いて既に出願されたか若しくは今後出願される特許に關わる全ての権利；そして、国際条約、同盟、契約、法令、協定（将来制定されるものを含む）に基づく全ての優先権を伴う一切の権利；を、日本国兵庫県姫路市飾磨区中島字一文字3007番地に住所を有する山陽特殊製鋼株式会社、その後継者、譲受人及び法定代理人に対して、売却、譲渡、移転するものとする。

さらに、私／私達は、山陽特殊製鋼株式会社（以下譲受人と言う）が単数ないしは複数の当該発明（以下当該発明という）に關わる特許権を、自己の名により、合衆国とその属領及び全ての外国に於いて出願し、特許を受けること；またこの譲渡証の意図と目的を誠実に実行することを求められた場合、下記に署名した私／私達が、当該譲受人、その後継者、その被譲渡者、及び法定代理人の費用負担にて、一部継続出願、継続出願、分割出願、差替え出願、再発行出願、特許期間延長等を行い、合法的宣誓書、譲渡証、委任状等の書類を作成し、あらゆる法的または準法的訴訟手続に於いて証言を行うこと；当該発明とその経緯に關連して、下記に署名した私／私達が知り得た全ての事実を、当該譲受人、後継者、被譲渡者、及び法定代理人に連絡すること；そして当該譲受人、後継者、被譲渡者、及び法定代理人が、当該発明の特許権の適切な保護、維持、権利行使するため望ましいと考慮すること、また、当該発明に關わる特許出願に際し、当該譲受人、後継者、被譲渡者、及び法定代理人に対して法的権限を付与することが望ましいと考慮することについて、可能な限り行うことを承諾する。

Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,

SHUHEI KITANO

who have created a certain invention for which an application for United States Letters Patent

- executed by ME/US on even date herewith,
- executed by ME/US on _____, (respectively),
- filed on February 1, 2002 and assigned Serial No. 10/062,399,
- filed as International Application No. _____, filed on _____

and entitled:

HIGH STRENGTH STEEL FOR INDUCTION HARDENING

Do hereby sell, assign and transfer to SANYO SPECIAL STEEL CO., LTD., a corporation of Japan, having a place of business at 3007, Aza-Ichimorji, Nakashima, Shikama-Ku, Himeji-Shi, Hyogo-Ken, Japan, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that SANYO SPECIAL STEEL CO., LTD., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof, and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

そして、私／私達は、この書面により譲渡された権利や財産に影響する、如何なる譲渡、授權、抵当権、ライセンス等その他の協定も他の第三者との間で行っていないこと；下記に署名した私／私達によって、この書面に記載されている権利が所有されていることを、当該譲受人、後継者、被譲渡者、及び法定代理人に対して誓約するものである。

さらに、下記に署名した私／私達はこの譲渡書は英語の部分の表現によってのみ解釈されることに同意する。

上記を証明するため、私／私達は下記日付で署名する。

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

唯一または第一発明者名		Full name of sole or first inventor SHUHEI KITANO	
発明者の署名	日付	Inventor's signature	Date
		<i>Shuhei Kitano</i> May 30, 2002	
第二共同発明者（いる場合）		Full name of second joint inventor, if any	
第二共同発明者の署名	日付	Second Inventor's signature	Date
第三共同発明者（いる場合）		Full name of third joint inventor, if any	
第三共同発明者の署名	日付	Third Inventor's signature	Date
第四共同発明者（いる場合）		Full name of fourth joint inventor, if any	
第四共同発明者の署名	日付	Fourth Inventor's signature	Date
第五共同発明者（いる場合）		Full name of fifth joint inventor, if any	
第五共同発明者の署名	日付	Fifth Inventor's signature	Date
第六共同発明者（いる場合）		Full name of sixth joint inventor, if any	
第六共同発明者の署名	日付	Sixth Inventor's signature	Date
第七共同発明者（いる場合）		Full name of seventh joint inventor, if any	
第七共同発明者の署名	日付	Seventh Inventor's signature	Date
第八共同発明者（いる場合）		Full name of eighth joint inventor, if any	
第八共同発明者の署名	日付	Eighth Inventor's signature	Date